

# Community Events

All present, past and future high school band students, their parents and interested community members are encouraged to attend the next Burroughs Band Booster meeting on Thursday, April 26, at 7 p.m. in the Burroughs band room. Plans for the upcoming picnic and results of fund-raising efforts will be discussed.

Dance to the sounds of *Big Band X-Press* at the Officers' Club tonight. The community ballroom dance to benefit Burroughs High School Band will last from 8-12 p.m. Admittance is \$8 per person or \$15 per couple.

Inyokern Airport is having its second Fun Day with competitions on April 21. Activities will include flour bombing, spot landing and balloon popping. Competition begins at 9:30 a.m. Come out and join the fun!

Tickets for Magic Mountain's Military Fun days are now available at NWC's Craftech. For a low price of \$11.45, enjoy a fun-filled day of rides and attractions. The special days are Apr. 21, 22, 28, 29 or May 5, 6, 12 or 13.

Maturango Museum is taking reservations for a planned trip to the Renaissance Faire at the San Bernardino County Glen Helen Regional Park on May 19. Cost is \$10 per adult and \$5 per child, aged 3 to 11.

This weekend, the Maturango Museum hosts the 14th Annual Wildflower Show in the Sylvia Winslow Exhibit Gallery. Exhibit hours are noon to 5 p.m. today (Friday), and from 10 a.m. until 5 p.m. on Saturday and Sunday. On display will be 100 identified and labeled species of spring blooms from desert plants in the Indian Wells Valley area.

## Quintet features China Lake musicians

There is a strong Naval Weapons Center connection to the Cerro Coso Piano Quintet's performance tomorrow (Saturday) at Cerro Coso Community College.

Stan Ricker of the Office of Comptroller will play the double bass and Robert Ferguson in the Intercept Weapons Department will play the cello. In addition, Andrew Victor, a recent NWC retiree is on the violin and Shirley Helmick, wife of NWC physicist Carl Helmick will play the viola. Paul Riley of the Cerro Coso administrative staff, on piano, rounds out the quintet.

The quintet will perform Mozart's *Piano Quartet No. 2 in E-flat Major* and Schubert's *Trout Quintet in A Major*.

The concert is set for 7:30 p.m. tomorrow in the college lecture hall. Tickets at \$5 for adults and \$3 for children will be sold at the door. Proceeds will be used to support the Desert Community Orchestra.



## NRS seeks more volunteer aid

Volunteers organized the Navy Relief Society in 1904. Today 3500 of them form the primary work force that puts relief services in place.

The volunteer force is composed of capable individuals who share a genuine interest in the well-being of sailors, Marines and their families. In the office they provide direct relief assistance to those with emergency needs. At home and abroad they manage programs that support relief services; or they may perform administrative duties neces-

sary to the smooth operation of a busy organization.

Volunteers are trained in Navy Relief policy and receive additional instruction on specific tasks and assignments. Positions within the organization are numerous and utilize a wide range of talents.

The Society values its volunteers and maintains records of hours given and leadership positions held. In appreciation for these voluntary contributions, hours worked are rewarded and exceptional service recognized.

As NRS volunteers move around in the military community they always have a place where they are welcome, their skills are needed and their time appreciated. The China Lake Branch office thanks all their volunteers for the great work they are doing!

For more information about volunteering for Navy Relief, call or visit the China Lake Branch Office, 1811 Lauritsen, NWC ext. 2921/3148.

Office hours are Monday, Wednesday and Friday between 11 a.m. and 2 p.m.

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### Weather Report

	Max	Min	Peak Gusts
Thurs.	92	46	17
Fri.	95	50	--
Sat.	--	--	--
Sun.	--	--	--
Mon.	70	53	42
Tues.	73	43	20
Wed.	79	46	17

### Problems stalling gym renovation completion date

The general contractor for the renovation of the NWC Gymnasium is having financial difficulties. These difficulties have hampered his efforts to complete the gym renovation on schedule and are now threatening his completion of the project altogether. The Resident Officer in Charge of Construction (ROICC) Office is working with the contractor and evaluating options to complete the facility. Unfortunately, re-opening of the gymnasium could be delayed until as late as August.

### Vice Commander responsibilities go to Capt. Allen

Captain K. E. Allen assumed the duties of the Naval Weapons Center's vice commander on April 13. Capt. Allen will remain head of the Aircraft Department in addition to taking the vice commander's role.

In another change resulting from the impending departure of Capt. Paul Valovich to take command of Naval Air Station, Pt. Mugu on June 1, Capt. Robert Kapernick, head of the Systems Engineering Group, has assumed the responsibility of NWC's deputy laboratory director.

Following F/A-18 training, Capt. Valovich will return to NWC and handle special projects for the Commander until his June 1 change of command at Pt. Mugu.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No.16 April 20,1990

## Pockrandt earns TD Award salute Weapons integration expert recognized for A-6E work

With his wife waiting in the wings, Duane Pockrandt arrived at the Aircraft Weapons Integration Department offices expecting to receive his 20-year federal service pin from Ed Kutchma his department head.

He got the 20-year pin alright, but in a surprise addition, he was presented the Naval Weapons Center Technical Director's Award by Bill Porter, Technical Director and Capt. Douglas W. Cook, NWC Commander. He said later that seeing his wife, Donna, in the room was his first clue it was more than just a 20-year pin presentation.

Pockrandt was recognized for his years of work in weapons integration and, in particular, for his leadership and technical expertise as lead weapons integration engineer for the Systems Weapons Improvement Program (SWIP) for the A-6E.

In his letter of nomination, Kutchma said, "Duane brings to all of his tasks a solid background of knowledge and technical expertise with the ability to identify problems early and devise ways to alleviate them. He has contributed immeasurably to the A-6E's success through his dedication, outstanding knowl-

edge, technical skills and innovative ideas.

The letter commended Pockrandt for his work leading to the fleet's capability to deliver ordnance on target from safe, standoff ranges. From 1982 through 1990, he translated numerous operational requirements into detailed software requirements for the A-6E Avionics Interface Unit and integrated missile panel avionics computers. Pockrandt is regarded as one of the Naval Weapons Center's leading experts on stores interfaces and weapons integration.

(Continued on Page 6)



**RIBBON CUTTING**--It was another happy occasion for the Naval Weapons Center's Geothermal Program Office as Navy Plant Two and BLM Plants East and West were dedicated in ceremonies Wednesday. Taking part in the symbolic ribbon cutting were (from left) Capt. Ken Kelley, Dr. Carl Austin, RAdm. David Bortorff, Ed Hastey, Donald O'Shei, Capt. Douglas W. Cook and W. B. Porter. The three new plants brought Coso's power generating capacity to a total of 240 megawatts. Photo by PHAN Cary Brady

## Navy, BLM geothermal plants dedicated

With an estimated 100 guests, including the man who drilled the first exploratory well in the Coso Geothermal field in 1966, Chester Brown, looking on, officials from the Navy, Bureau of Land Management and California Energy Co. dedicated the three latest geothermal plants to go on line. The Wednesday morning ribbon cutting ceremonies marked the official opening of Navy Plant II and BLM East and West Plants.

RAdm. David Bortorff, commander, Naval Facilities Engineering Command and Chief of Navy Civil Engineers, was the featured guest.

speaker. He was introduced by Capt. Douglas W. Cook, Naval Weapons Center Commander.

The admiral reasserted the need for a strong defense and strong military and the need to stretch every defense budget dollar as far as possible in this era of shrinking budgets for the Navy and other branches of the Armed Forces. "This plant is a prime example of how to stretch those dollars without an adverse impact on the Navy mission," added RAdm. Bortorff.

(Continued on Page 9)



## A Leading Supplier of Multi-Protocol Communication Solutions

• **ANNOUNCES** •

### A TCP/IP-LAT Connectivity Seminar

Thursday, May 17, 1990  
8:00 a.m. to 12:00 p.m.  
at the

Carriage Inn - 901 N. China Lake Blvd., Ridgecrest  
XYPLEX, INC.  
To Register Call (213) 540-3260 3868 Carson Street, Ste. 104  
Torrance, CA 90503

## China Lake Calendar

**Sat., Apr. 21**  
...Marine Aviation Detachment Challenge 5K Run

**Mon., Apr. 23**  
...Association of Old Crows installation dinner, Carriage Inn, 6 p.m.

**Tues., Apr. 24**  
...Secretaries' breakfast, Seafarer Club, 6:30 a.m.  
...Family Night at the NWC Children's Center, 6:30-7:30 p.m.

**Wed., Apr. 25**  
...Secretaries' Day

**Thurs. Apr. 26**  
...Society of Technical Communicators meet at 11:30 a.m. in El Charro Avitia.

**Sat. & Sun., Apr. 28-29**  
...MWR Parent/Child Doubles Tennis Tournament

**Wed., May 2**  
...Technical Director's Seminar, *Embedded Processor Research at NASA Ames Research Center*, Mich Lab 1000D, 2 p.m.

**Coming Events...**  
...Deadline to apply for FIL-AM scholarships, Apr. 30

*Items of interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Friday's publication.*

## Wellness Corner



### Events scheduled for Physical Fitness and Sports Month

May is National Physical Fitness and Sports Month. For six years, the Navy has recognized this month and encouraged special activities and health fairs. In celebration of these events, the Wellness Program is sponsoring lectures and activities throughout the month. The objective is for individuals to take time out from their normal schedule to consider their own personal lifestyle and goals.

There is certainly something of interest for everyone. Join in the celebration. The following events are scheduled for the first week.

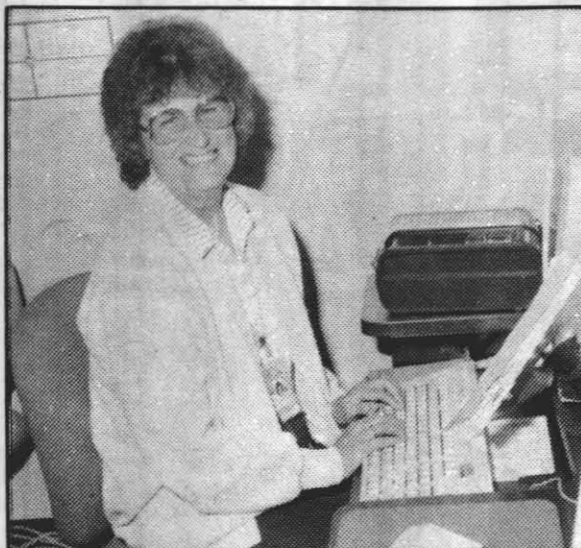
**May 1--Everything You Wanted to Know about Backaches**, by Dr. Podell, doctor of chiropractic. Topics to be covered will be neck pain, tension, sciatica, discs, scoliosis, and much more. Come with your questions from 10:30-11:30 a.m., Training Center, (walk in).

**May 2--Training for Endurance Events**, By Joe Oliver and Dieter Weik. These two China Lakers will describe their individual approaches of training for marathons and long-distance bicycle races from 10:30-11:30 a.m., Michelson Lab 1000D, (walk in).

**May 3--Caring for Elderly Loved Ones**, by Charla Green. This course is intended for those who are, or might someday be, responsible for the care of an elderly relative or friend. A variety of living

arrangements and community services will be discussed. Legal issues including wills, trusts and powers of attorney will be mentioned. A limited number of medical and financial concerns will be addressed as well. Green will discuss lifestyle changes, emotional problems and sources of support of both the caregiver and the loved one. Ample time will be provided for questions. Enrollments are on a first to call, first to be placed basis only. No training request is required. As space is very limited, please call as soon as possible. Green's talk is from 2-4 p.m. at the Training Center, (Call NWC ext. 2468 to enroll).

**May 4--CPR Training**, by Dena Christinson, NWC Safety Program Office. This is a 4-hour, American Heart Association, Adult Cardio-Pulmonary Resuscitation class (BLS Course "A" - Adult Heartsaver). This session will NOT include child and infant CPR. Participants should wear comfortable clothing, as we will be working with the practice manikins on the floor. DO NOT attend class if you have a cold, sore throat, fever blister, cold sore, or show symptoms of any infectious disease. Class size is limited to 12, so register early. It will be held from 7:30-11:30 a.m. at the NWC Conference Center, Coso Room. (Please submit a Training Request to Code 2243.)



**SMOOTH OPERATOR--Bobbi Allen keeps Code 3681 running smoothly.**

## They keep the wheels turning in department

*(This is the third in a series of articles covering various secretaries at the Naval Weapons Center. This week's article highlights three secretaries from the Engineering Department.)*

Suni Luxton, Bobbi Allen and Joann Battaglia, secretaries in the Engineering Department, feel their positions are vital in helping their offices run smoothly and in allowing their bosses and co-workers the opportunity to devote as much time as possible to the jobs they are paid to do.

As secretary for the Technical Data Division, Suni Luxton works for Vern Powell. One of her duties is overseeing the four branch secretaries located within her division. This includes helping out when one of them is out. According to the division secretary, all four secretaries were recently infected with the same virus, leaving the branches without secretaries.

*(Continued on page 8)*



**TEAM PLAYER--Joann Battaglia is part of the Code 3625 team.**

## Secretaries' Week features humor, health and happiness

Secretaries throughout the Naval Weapons Center will be honored next week during the many activities planned by members of the Corporate Secretaries Board for Professional Secretaries Week. The theme for this year's national obser-

vance is *Embracing a New Vision*.

Capt. Douglas W. Cook, NWC Commander; Bill Porter, NWC Technical Director; Jack Russell, NWC Test & Evaluation director; and Dillard Bullard, Quality & Productivity Improvement director

will each make a short remark kicking off the breakfast planned for Tuesday, April 24, at the Seafarer Club. The breakfast is slated for 6:30 to 8:30 a.m. and will consist of scrambled eggs, hash browns, bacon, biscuits and gravy, and coffee, tea or milk.

Secretaries who still need tickets should call their department secretary as soon as possible.

Guest speaker Terry Paulsen, Ph.D., will talk about *Humor in the Workplace* *(Continued on Page 8)*

# ROCKETEER CLASSIFIEDS

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PERSONALS.....1	SERVICES.....30
LOST & FOUND.....5	AUTOMOTIVE.....35
HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

**DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 p.m. WEDNESDAY - PRIOR TO FRIDAY PUBLICATION**

### 1 PERSONALS

JERRY & MARGIE SHULTZ: GUESS WHO LOVES YA?! FIND OUT ON 5 MAY!

V.F.W. Ship 4084 will hold installation of officers on May 5th at 3:00 p.m. A Bar-B-Q dinner will follow at 5:30. A "Nifty Fifties" dance is scheduled at 8:00 p.m. Tickets are \$8.00 for members and guests only. On May 6th Ship 4084 will host the District 110 Council quarterly meeting for election and installation of officers. For more information call 375-4084.

### 20 RENTALS

3BR, 2 1/2BA TOWNHOUSE. Refrig., Dishwasher, 2 car garage. Pool access. \$675/mo. 1st, last, \$200 security. 375-1378/375-3305.

3BR, 2BA, large corner lot, fenced yard, central location. \$575/mp. + \$575 security. 375-8746.

AFFORDABLE RENT! Newer 3BR, 2BA, W/D hookups, F/P, Gar. Start at \$355. Visit today for details. 800 Capehart Ct., south of Drummond, west of Downs. 371-3524. Open 9-5 daily.

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LARGE NEWER NICE 2BR, built-ins, refrig., W/T paid. Landscape maintained. \$435/mo. & up. 446-6487.

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ONLY \$625 for this cute outstanding home with new carpets, fresh paint, 3 spacious BR's, 2 tiled BA's. Garage, no pets. 446-4810

3BR 2BA, 2 car gar, plus patio room. Nice yard & spacious storage. Fenced back yd, ideal for kiddies & pets. \$650/mo, 1st, last & \$150 sec. dep. 375-4007.

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### 40 MISC. FOR SALE

TODDLER BED, 6 months old. Excellent condition, with crib-size mattress. \$100 FIRM. FULL - SIZE HEADBOARD, \$30. 446-5370.

Amana refrigerator \$75, Kitchen Aid dishwasher - Make offer. 375-5986.

Moving in June, Children have outgrown 86 Big Wheel, auto 3-spd, ideal for 9-10-11 yr old. 446-4251.

Garage Sale April 21st, 8am-2pm. TV, child's bike seat, much more. 2005 Leyte (on base near O Club).

TRIPLEX YARD SALE, 425-A S. Sunset. Sat & Sun, 10-5, no early birds please.

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MALE - Mini-Dachshund. Red. 3 1/2 months old. \$100/OBO. 446-5370.

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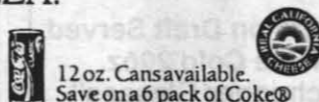
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ASK ABOUT OUR NEW EVERYDAY LOW DOUBLE PRICES!

**Commissary  
open six days  
after April 30**

Starting Monday, April 30, the China Lake Commissary will be open six days a week. New hours of operation will be:

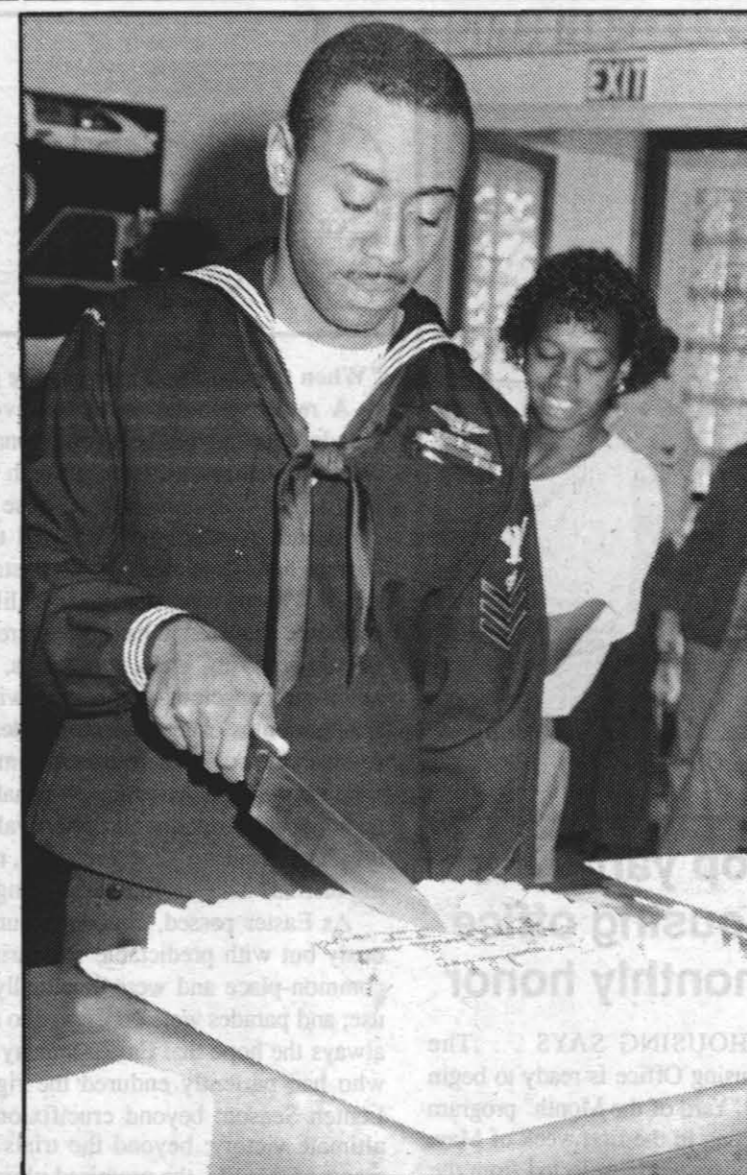
- Mon. 11 a.m.-3 p.m.
- Tues. 10 a.m.-5:30 p.m.
- Wed. 10 a.m.-5:30 p.m.
- Thurs. 10 a.m.-7 p.m.
- Fri. 10 a.m.-5:30 p.m.
- Sat. 9 a.m.-4:30 p.m.
- Sun. Closed

The commissary pledges to provide their customers with the best possible merchandise and service in a pleasant shopping environment. Comments are welcome since business depends upon continued interest and patronage.

**MOWC offers  
scholarship \$\$**

College-bound Seniors take notice! The deadline to turn in applications for Military Officers' Wives' Club (M.O.W.C.) scholarships is May 1. Application forms are available from school counselors.

Dependents and spouses of active duty or retired U.S. military members residing in the Ridgecrest area are eligible. Students must have at least a 2.5 gradepoint average to qualify. For further information call 446-6037.



**STAYING FOR SIX MORE--ET1 Dwayne Lloyd, assigned to the Ground Electronics Maintenance Branch, Aircraft Department, re-enlisted in a ceremony at the Quarterdeck last Friday. Along with wife, Karen, and family, Lloyd will be attached to the Navy for 6 more years. Photo by PHAN Cary Brady**



**The  
Skipper  
Sez...**

**QUESTION**

Behind the Engineering building, there are three large dumpsters. The janitorial service people come into our building, empty the small waste paper baskets into a plastic sack that is in a large trash can on wheels. Upon completion of picking up the trash, the janitorial service people go out to the big dumpsters and dump the plastic bags. I thought the plastic bags were to be tied, preventing paper, etc., from becoming loose. I asked one of the workers about this, and she said the contractor is really tight and they must keep reusing the bags. Unfortunately, a lot of the trash that is put into the dumpster is shredded. When the dumpsters' lids are open, paper flies all over. When we have to open the doors in our building, this paper just blows right in. One solution would be to keep the dumpsters closed, but people make mistakes and often forget to close them. The best solution would be to have the janitors use the plastic sacks for what they were intended, to keep the garbage in one place, not susceptible to the wind. Thank you for your help in this matter. I think China Lake is a clean place and I would like to help keep it so.

**ANSWER**

The janitorial service you describe is performed by Pan Am World Services, Inc. Their project manager assures me there are plenty of garbage bags available to hold trash and there is no need to re-use them. He has also assured me he will tell the responsible supervisor to make sure the practice you describe is stopped.

If you find the trash is not being picked up in a timely manner, call the Contract Surveillance Branch (Code 2671) at NWC ext. 3411, x284, and they will make sure that the contractor picks up any wind blown debris in your area.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Douglas Cook. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required. There is no intent that this column be used to subvert normal, established chain-of-command channels.

**Challenging tour rewarded with service medal**

After four years in what he feels is one of the best squadrons in the U.S. Navy, Cdr. J.C. (Doc) Antonio is preparing to leave Air Test and Evaluation Squadron Five (VX-5) for a new assignment. But before he could leave, he was presented the Navy Meritorious Service Medal for his outstanding contributions to VX-5. The medal is the non-combat counterpart to the Bronze Star for recognition of meritorious service.

He says the recognition came as a result of many things including his work with night vision devices for the night attack mission, two years as the squadron's chief operational test director (COTD) and continuing efforts to maintain good contacts with other military and civilian communities. "I strived to make sure VX-5's reputation and credibility were maintained," said Cdr. Antonio.

"The job as COTD is probably the best job I'll ever have in the Navy," said Cdr. Antonio. In that position with the VX-5 Vampires he felt it was someplace where "what you do can make a difference." He added the outstanding support of the oper-

ational test directors, the maintenance shops, support personnel and the British exchange officer who was his deputy, was really responsible for his winning the medal.

As the COTD, Cdr. Antonio was responsible for supervision of all air-to-ground operational testing conducted by the Navy. "I stressed the need for honest, complete testing. We are the last sanity check for all air-to-ground systems headed for the fleet. It's our job to make sure they do what they are supposed to do," he said.

Recommended for the Meritorious Service Medal by Capt. Raymond Kellett, VX-5 commanding officer, Cdr. Antonio was presented the medal by Capt. J.A. Marshall, chief of staff of Commander, Operational Test and Evaluation Force, VX-5's boss. The presentation came at squadron quarters ceremonies held in early April.

The citation accompanying the medal read in part, "His efforts in leading the squadron's major department led directly to improved efficiency in the operational testing of new weapons systems and ultimately to increased fleet readiness. He is the driving force behind the Navy's emerging capability in night vision devices for tactical air. . . His presentations to civic

organizations have led to greater understanding of the military's mission and a better atmosphere of cooperation between the community and the Navy." The citation was signed by Adm. C.R. Larson, commander-in-chief, U.S. Pacific Fleet, for the President.

Entering the Navy as a Naval Aviation Cadet, Cdr. Antonio began flying A-7 Corsair IIs with VA-25 of Naval Air Station Lemoore. After a tour in Southeast Asia, he became an instructor pilot and then got out of the Navy to go back to school. After completing undergraduate requirements for medical school he went to med school, followed by a return to active duty for his internship and training as a flight surgeon in Florida.

His first operational tour was with VF-101 at NAS Oceana where he qualified in the F-14 Tomcat and worked as a Navy flight surgeon. This was followed by assignment to VX-5.

This summer Cdr. Antonio and his wife Julie will leave VX-5 and China Lake for duty with Marine Air Wing Training Squadron One, Yuma, Ariz.



Cdr. J. C. Antonio, USN

**ANOTHER HITCH--First Sergeant Vigil--** of the Marine Aviation Detachment, China Lake, takes the oath of enlistment for another two years of active duty with the U.S. Marine Corps. Col. Barry Banks, MAD commanding officer, administered the oath to the detachment First Sergeant on Monday afternoon. The veteran Marine has more than 19 years service. He will have been at China Lake three years in June.



Photo by PHAN Cary Brady

# Chapel Call



"When the chocolate bunnies are gone..."

A rather popular song of several years ago, entitled "Easter Parade," appeared to be as traditional to the Easter Season then as carols are to Christmas. It began with the words "In your Easter bonnet, with all the frills upon it..." Those were, of course, the days of "Easter parades" (what ever happened to them?), "Easter outfits," ladies' "Easter hats" (which are, I understand, definitely out at this point in time!), "Easter baskets," "Easter lilies," and "Easter bunnies" (these last three appeared to have weathered the storm of waning popularity). For those living in Eastern cities, there was a certain excitement--albeit subconscious--connected with Easter time: the long-awaited spring months ushered in more tolerable weather and nature began to re-touch the cold and drab environment with splashes of bright, hopeful colors that signaled the eventual arrival of summer. There was an undeniable correlation in the arrival of Spring with the celebration of the "Easter event"... resurrection, new birth, fresh life, hope "springing eternal" once again. God making all things new.

As Easter passed, chocolate bunnies disappeared not so mysteriously but with predictable regularity; outfits (and bonnets!) became common-place and were eventually retired to closets for occasional use; and parades were consigned to a pleasant memory. But, there was always the hope that Easter Sunday continually held out to Christians who had patiently endured the rigors of the bleak and penitential Lenten Season: beyond crucifixion, resurrection; beyond suffering, ultimate victory; beyond the trials and discomforts and disappointments of this life, the promised glory readily shared by the Risen Lord with His faithful brothers and sisters. Celebrated with parades and flowered hats, colorfully decorated eggs, pure-white lilies of extraordinary fragrance, the memory of Jesus, raised up and vindicated, of the Lord still living and moving among His people, was enough to bring dazzling light to the occasional moments of darkness which every Christian is bound to experience. It was so then and continues to be so now.

Times and ways of celebrating the "Easter Event" in the life of our Savior have changed: this is, after all, inevitable and only a sign of humanity's on-going struggle to "re-interpret," to "re-understand" and to reiterate for itself the impact of the resurrection and eternal life for every generation. The reality of the event remains: Jesus the same, yesterday, today and tomorrow, the Lord truly risen from the dead, the God-Man restored to the Father in all His glory. The parades may have passed by quite some time ago, but the promise of endless joy in the presence of the Risen Jesus endures forever. Thank God for that!

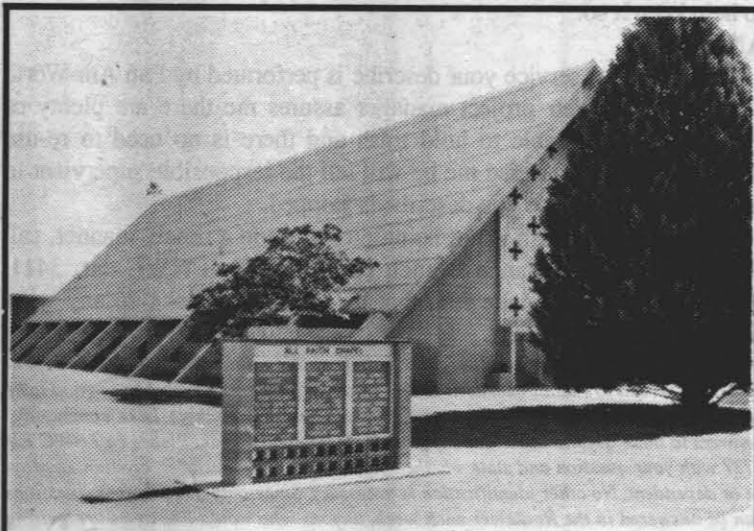
By LCdr. S.A. Casimano, CHC, USN  
Command Chaplain

## Sweet buys at Lemon Lot

Taking advantage of the extra hour of sunlight generated by daylight saving time, the Auto Hobby Shop is adjusting its operating hours. The shop will be open Tuesday through Friday from 11 a.m. to 8 p.m. (former hours were 10 a.m. to 7 p.m.). Weekend hours remain the same.

The Auto Hobby Shop is where military and DoD civilians can spread out and work on their vehicles. In addition to expert mechanical advice from the attendants, the Auto Hobby Shop has many specialized tools available for rent at a very low price.

The Lemon Lot is also part of the Auto Hobby Shop's domain. Vehicles currently for sale on the Lemon Lot (as of Tuesday) include '82 Honda Silverwing and '78 Yamaha TT500 motorcycles, Mazda B2000, 1/2 Ton Chevy Scottsdale, '85 Plymouth Voyager, '81 Pontiac Lemans, '79 Boat "Challenger," '78 Chevy El Camino, '84 Dodge Van, '78 Chevy Impala, '85 Ford Bronco, '88 Ford XLT, '85 Mercury Cougar XRT, '87 Toyota MR-2, '87 Prowler Travel Trailer Dodge Sportsman Carrier, '70 18' Mirro Craft boat and 17 1/2' Glaspar Mercury boat, '85 Winnebago Centauri and a '78 Cadillac El Dorado. Check out the great buys today!



## Divine Services

- Protestant**
- Sunday Worship Service, East Wing 8:00 a.m.
  - Sunday Worship Service, Main Chapel 10:30 a.m.
  - Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
  - Bible Study (East Wing), Wednesday 11:30 a.m. (September thru June)
  - Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
  - Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.
- Islamic**
- Jumaa Prayer (Friday at 1905 Mitscher) 1:00 p.m.
- Roman Catholic**
- Sunday Mass, Main Chapel 9:00 a.m.
  - Daily Mass, Small Chapel 11:35 a.m.
  - Confession (Sunday), Command Chaplain's Office 8:15-8:45 a.m.
  - Confession By Appointment Anytime
  - Religious Education Classes (Sunday) (September thru May), Annexes 1 & 2, 1008-10 Blandly & 1903-05 Mitscher 10:30 a.m.
- Jewish**
- Weekly Services (Friday - East Wing) 7:30 p.m.
  - Adult Hebrew Lessons (Saturday at 1004 Blandly) 9:00-10:00 a.m.
  - Sabbath School (Saturday at 1004 Blandly) 1:00-4:00 p.m.
- Chaplain S. A. Casimano, LCDR, CHC, USN  
Chaplain G. L. Goodman, LT, CHC, USNR  
Chaplain G. E. Williams, LT, CHC, USNR  
Brian H. Zimmerman, Student Rabbi


## Top yards earn housing office monthly honor

**HOUSING SAYS . . .** The Housing Office is ready to begin the "Yard of the Month" program starting in the first week of May. Winners will be selected from the Capehart "B" area, the Hill area and the Old Duplex area each month throughout the summer. Naval Weapons Center Command appreciates the hard work and the effort made to improve and maintain Navy Family Housing. The Housing Office staff is very enthusiastic about this program and hopes everyone eligible will become involved.


The Self Help store is now fully stocked and ready to be of assistance to all residents in getting yards ready for keen competition the "Yard of the Month" program creates. There are garden tools, grass seed and repair parts for sprinkler systems.

Need fill dirt? Call the Pan Am trouble desk at NWC ext. 2380. Pan Am will deliver the dirt in the alley behind your house. Remember this is not top soil. You are expected to remove the dirt within five days. Service chits requesting delivery of fill dirt are forwarded to Housing for follow-up. Do not order dirt unless you use it in fivedays.

It's best to water early each morning or late afternoon. During the day water just evaporates and does little good. 15-20 minutes each day is sufficient for nice green lawns. Many gutters have been damaged because of excess watering so watch those sprinklers and don't allow water to run over the sidewalk.



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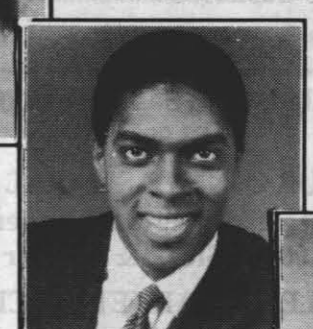
Presents **Comedy Night April 25th**

All New Faces Exciting New Show!!

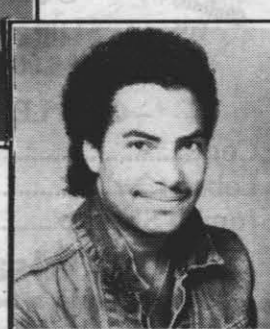
**April 25th, 10 p.m. Show Only - \$6.00**



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Vince Champ



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## Writing exams scheduled

### Upper Division Writing Competency Exam (CSUB and CSUC)

On May 10, the Upper Division Writing Competency Examination will be given. Cal-State Bakersfield and Cal-State Chico undergraduate students may satisfy the writing competency requirements by passing this exam.

Cal-State Bakersfield undergraduate students must have completed at least 90 quarter units of college work prior to taking the exam. Undergraduate students planning to take the Cal-State Chico Course CSCI 172, Systems Architecture, must pass the writing exam prior to the beginning of the course.

The examination fee is \$12. Checks must be made payable to Cal-State Bakersfield.

To arrange to take this exam, call Helen Benes at NWC ext. 2648.

### English Writing Proficiency Test (CSUN)

On Monday, June 4, the English Writing Proficiency Test will be given to Cal-State Northridge (CSUN) graduate students. CSUN students should take the exam as soon as application for admission has been submitted. This test must be passed before the student is granted unconditional status as a master's candidate. Graduate students must attain unconditional status before earning more than 12 units of academic work acceptable towards the master's degree.

The exam fee is \$20. Checks must be made payable to California State University, Northridge (CSUN).

To arrange to take this exam, call Helen at NWC ext. 2648.

# SPAWAR E<sup>3</sup> seminars

Two Space and Naval Warfare Systems Command (SPAWAR) E<sup>3</sup> seminars will be held at the NWC Training Center on May 8. Both seminars will be given by R and B Associates, who are under contract to SPAWAR. To enroll in either or both of these seminars, submit a NWC Training Request Form, NAVWPNCEN 12410/73 via department channels to Code 224 by April 30.

**Understanding and Applying MIL-STD-461C**, will run from 8 to 11:30 a.m. The scope of this program includes understanding and applying MIL-STD-461C, provides a summary of Navy instructions and details the application of MIL-HDBK-235A and MIL-HDBK-237A. It includes pertinent

definitions regarding EMC technology and specific definitions and discussions pertaining to MIL-STD-461C.

**Electromagnetic Pulse (EMP)**, will run from 12:30 to 4 p.m. Electromagnetic Pulse (EMP) provides an introduction to EMP terms and definitions along with the objectives for EMP testing and hardening requirements. Included are equipment basics needed to perform EMP testing according to MIL-STD-462, Notice 5 and the details of conducted susceptibility testing -- including both CS10 (pin and terminal) and CS11 (bulk cable) testing methods. An additional topic covered is radiated susceptibility testing methods (RS05).

## STC features cable television official

Chief engineer will discuss new technologies including HDTV and fiber optics

Benchmark Cablevision's Chief Engineer and Plant Manager, Mark Clark, will speak at the April 26 meeting of the Society for Technical Communication. Clark's talk will feature the future of cable television in light of new

technologies such as High-Definition Television, fiber optics, and interactive television. Clark is also qualified to address the improvements recently made in the local Benchmark system,

and the growth of the system. This luncheon meeting starts at 11:30 a.m. at El Charro Avitia. For more information call John Dunker at NWC ext. 3027.

# Recycling makes sense and cents at NWC

Last year, 356,000 pounds of paper were recycled by the Naval Weapons Center (NWC) Recycling Center, noted Doris Funk Employee Services Board (ESB) manager. As overseer of all paper recycling efforts on Center, ESB receives a portion of recycling profits, which, in turn, helps fund Morale, Welfare and Recreation (MWR) activities.

The Association for Retarded Citizens (ARC) currently holds the NWC Recycling Contract and has more than 200 stops per week at various spots throughout the Center. "Offices which take the effort to recycle," said Funk, "not only help the environment, they help MWR activities and ARC. However, we have hit only the tip of the iceberg in the number of offices which are recycling on Center. Considering there are 1,000 buildings on base, most of them holding a minimum of one office, we still have a long way to go before we are recycling at maximum efficiency."

Paper picked up on Center is transferred to a building located near the main ARC

building on Gold Canyon Road. Once there, trainees, under the guidance of Sam Brown, ARC's recycling operations manager, sort through the piles, separating the paper into 16 different categories.

According to Terri Hall, ARC's executive director, recycling efforts have another benefit besides helping the environment and earning money for NWC. "The trainees who sort the paper need one-to-one supervision," she said. "This office provides them this opportunity. Yet, by doing their job, they learn how to take orders, follow directions and learn to make decisions on their own -- such as in which category the paper belongs. They are very conscientious about pulling out dirty paper (paper mixed with carbon) and take pride in helping NWC."

The types of paper ARC looks for are computer print outs, ledger and photo copier paper, white or colored; slicks (shiny paper); books, especially out-dated handbooks; shredded paper, minus carbon; magazines; and newspapers, as long as

they are bundled. Envelopes, as well as computer cards, are also a welcome addition in recycling efforts.

Unfortunately, there are other types of paper ARC cannot handle at this time. "Cardboard is not cost efficient," said Brown. "There just isn't a market out there to make it profitable to recycle."

Mulch paper is another item that cannot be picked up. "Mulch paper is paper that has been cut up into very small, fine pieces. We cannot sift through this type of paper looking for carbon or plastic like we can regularly shredded paper," Brown said. "If carbon or plastic should get into a batch of paper we ship out, we lose credit for the entire batch."

"We need to educate China Lakers about the ease of recycling at NWC," said Brown. To become a member of the recycling team, just call NWC ext. 2522 and leave a message, or call Brown at ARC's headquarters, 375-9787. An employee of ARC, Joe Berlin, will be happy to drop off boxes for recyclable material and to

arrange a schedule for regular pickup.

"Many people find it convenient to have a box near their desk," Brown said. "When they have paper they want to throw away, they just throw it into the box instead of the trash can. A box near the photo copier is also handy."

In addition to paper, ARC also handles other recyclable products such as aluminum cans, glass and wood. For those who would like to extend their recycling efforts beyond the office and into their homes, recyclable material can be dropped off at the Recycling Center on Richmond Road, Building 1298 (near the back gate).

ARC sells its seasoned scrap wood daily. For more information, or to arrange an appointment to see the wood for sale, call Brown at 375-9787.

Remember, recycling assists in the conservation of natural resources and prevents waste. In addition, it helps disabled members of the community to become more self-sufficient and adds funds to finance MWR activities.



**HARD AT WORK--**After paper is collected from China Lake, it is taken to a building near ARC's headquarters where trainees sort it into 16 different categories. In the picture on the left, trainees (left to right) Mark Lamson, Craig Graus, Shiela Peters, Harry Welch, Frank Reriske and Mike Dille are busy going through the latest batch. In the background, Sam Brown, ARC's recycling operations manager, is busy answering recycling questions.

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# Pockrandt has TD Award

(Continued from Page 1)

In making the presentation, Porter said he and Capt. Cook were pleased to recognize Pockrandt's outstanding contributions and added, "the captain and I really appreciate the good work you've done here."

The citation to accompany the award read in part, "Because of your leadership and ability to resolve problems quickly, the A-6E SWIP 250 weapons integration project has been accomplished in an orderly manner with a minimum of deficiencies."

Pockrandt said he never expected the award and was very appreciative of it. He added, "I think the A-6 Program Office is the best program on base."

His 20 years of federal service include the last 16 at China Lake and four years active duty with the Navy. He noted he came to the valley with a contractor, but after a few years made the transition back to federal service and isn't looking at retirement yet.

## Old Crows plan Monday dinner for new officers

Newly elected officers will be installed at a dinner meeting of the Association of Old Crows on Monday, April 23, at the Carriage Inn. Guest speaker, Jay Hodge of NWC's Target Recognition Branch will discuss Artificial Intelligence. A 6 p.m. social time will be followed by 6:30 dinner at a cost of \$11.50. For reservations, call Gail at 375-0095. Non-members are welcome.

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**HAPPY WINNER—Duane Pockrandt and his wife, Donna, express their appreciation for the Technical Director's Award he had just received from NWC's Technical Director Bill Porter.**

## U.S. Savings Bonds popular and profitable for military and civilian employees at NWC

Begin saving today! Military wanting to enroll in payroll deduction plan should call PSD Military Pay Division, NWC ext. 2704. Civilians should call or visit the Civilian Payroll Office (NWC ext. 2121).

## Thrift Plan mailing anticipated

The Thrift Savings Plan (TSP) will soon mail material to all participants. If you have not advised the NWC Payroll Branch of your correct mailing address you will not receive this important information. TSP participants who have moved or changed their mailing address should notify the Payroll Office at NWC ext. 2121.



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# Three CSUC computer science courses slated for next quarter

Following are classes being offered this summer for the California State University, Chico (CSUC), Computer Science Program (bachelor's or master's degrees). To enroll in these classes, submit a NAVWPNCEN Form 12410/73, Request for On-Center Training, via department channels to Code 224. Registration will be held at the first class meeting. *Deadline for enrolling is 10 calendar days before the starting date of the class.* Enrollments in courses will be on a first come, first served basis, unless otherwise stated.

**CSCI 171: Computer Architecture (3 units) -- June 2-3, June 23-24, July 14-15; Saturday and Sunday, 0800-1600; Training Center. By Professor Seung Bae Im, CSUC.**

Prerequisite: CS 26: Assembly Language Programming or equivalent or consent of instructor.

Scope: Internal processor architectures, basic combinational and sequential logic, codes, instruction sets and instruction decoding, memories and memory operation, arithmetic units, stack structures.

Note: This is a core course for the bachelor's degree in computer science through CSUC. This is a foundation course for the master's degree in computer science through

CSUC.

Text: TBA.

**CSCI 172: Systems Architecture (3 units) -- June 30-July 1, July 21-22, Aug. 25-26; Saturday and Sunday, 0800-1600; Training Center. By Professor George Arnovick, CSUC.**

Prerequisite: CSCI 171: Computer Architecture or equivalent, concurrent enrollment in CSCI 171, or consent of instructor.

Scope: Definition of problems relating to interfacing processors and peripherals in computer systems. Channel and bus structures, bandwidth computations, performance evaluation, feasibility studies and methods of systems analysis. This is a writing proficiency (WP) course; a grade of C- or better certifies writing proficiency for majors.

Note: This is a core course for the bachelor's degree in computer science through CSUC. Bachelor's students must have passed the Writing Effectiveness Screening Test (WEST) or equivalent writing exam acceptable to CSUC before enrolling in CSCI 172. This is a foundation course for the master's degree in computer science through CSUC.

Text: TBA.

CSCI 223: Artificial Intelligence (3

units) -- July 7-8, July 28-29, Aug. 18-19; Saturday and Sunday, 0800-1600; Training Center. By CSUC staff.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: The nature of and need for artificial intelligence. The representation of knowledge and making of inferences from given facts; expert systems; natural language understanding; searching for solutions and game playing; artificial intelligence programming in a functional language; computer vision; applications of artificial intelligence.

Text: TBA.

General Comments

1. Textbooks are available at bookstores locally.

2. Job-related courses other than those listed above or those offered under contract with Cal-State, Chico; Cal-State, Bakersfield; or Cal-State, Northridge, must be approved on a DD 1556 (off-Center Training Request) before registration if NWC is expected to pay for the training.

For more information about any of these programs or classes, call Cecil Webb at NWC ext. 2648.

## Soldering sessions set

From May 21-25, a 40-hour high-reliability soldering course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street.

This course is for government/contractor personnel needing certification as inspectors or operators. The requirements are (1) previous soldering experience and (2) a current eye examination.

For those already certified, a 24-hour update recertification course to MIL-STD-2000 will be held from 7:30 a.m. to 4:30 p.m. at 543 Graaf Street from May 30 through June 1.

This course is for government/contractor personnel requiring annual recertification as inspectors or operators. The prerequisites for the course are previous certification to WS-6536 or DOD-STD-2000 and a current eye examination.

To be scheduled for either of these courses, contact the Soldering Technology Training Facility, Code 36812, at 446-5571.

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# CSUN summer classes announced

Following are classes being offered this summer for the California State University, Northridge (CSUN), Engineering Program (master's degree). To enroll in these classes, submit a NAVWPNCEN Form 12410/73, Request for On-Center Training, via department channels to Code 224. Registration will be held at the first class meeting. *Deadline for enrolling is 10 calendar days before the starting date of the class.* Enrollments in courses will be on a "first come, first served" basis, unless otherwise stated.

**EE 460N: Introduction to Communication Systems (3 units) -- June 5-Aug. 1; Tuesdays, 1610-1910 and Wednesdays, 1030-1230; Training Center.** By Professor Ray Pettit, CSUN, (818) 885-4722.

Prerequisite: EE 350N: Linear Systems I or equivalent or consent of instructor.

Scope: Introduction to information transmission. Transmission through electric networks. Analog communication systems. AM, DSB, SSB, frequency and phase modulation techniques. Physical sources of noise and evaluation of different systems in the presence of noise.

Text: *Analog and Digital Communication Systems.* Roden. Prentice-Hall, second edition.

**EE 552: Digital Signal Processing II (3 units) -- June 4-Aug. 2; Mondays and Thursdays, 1530-1800; Training Center.** By Professor David Schwartz, CSUN, (818) 885-4583.

Prerequisite: Knowledge of discrete Fourier analysis or consent of instructor.

Scope: Network structures for digital filters. Approximation of filter specifications. Digital filter design techniques. Implementation issues for digital filters, sensitivity and quantization noise. Decimation and interpolation of discrete-time signals. Two-dimensional digital signal processing.

Text: *Digital Signal Processing.* Oppenheim and Schaffer. Prentice-Hall, 1975.

**ME 480: Fundamentals of Aerospace Engineering (3 units) -- June 6-Aug. 2; Wednesdays, 1610-1910, and Thursdays, 1030-1230; Training Center.** By Professor Tim Fox, CSUN, (818) 885-2187.

Prerequisite: AM 316: Engineering Dynamics and ME 390: Fluid Mechanics or equivalent or consent of instructor.

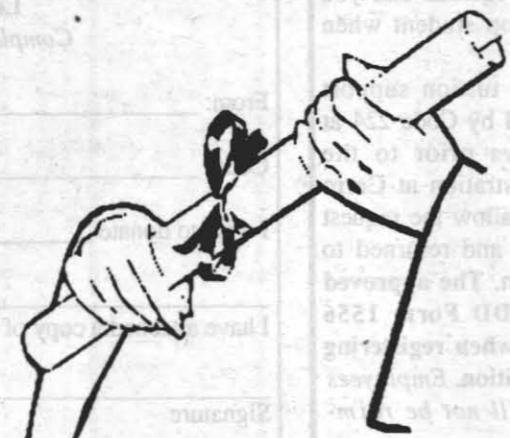
Scope: Atmospheric structure/space environment. Aircraft/spacecraft configurations. Aircraft/missile systems performance: flight envelope, aerodynamic approximations, available propulsion systems, structural form; take-off, landing, climb and range. Introduction to vehicle stability and control.

Text: TBA.

General Comments

1. Textbooks are available at bookstores locally.
2. Job-related courses other than those listed above or those offered under contract with Cal-State, Chico; Cal-State, Bakersfield; or Cal-State, Northridge, must be approved on a DD 1556 (off-Center Training Request) before registration if NWC is expected to pay for the training.

For more information about any of these programs or classes, call Cecil Webb at NWC ext. 2648.



## Advisors visit

CSUN--Professor Ileana Costea of California State University, Northridge (CSUN) will be on-Center May 15 to advise current/prospective students in the external degree programs offered by CSUN.

CSUC--Dr. Orlando Madrigal of Cal-State University Chico will be on-Center May 4 to advise current and prospective students in the external degree programs offered by the school.

Those who wish to make an appointment to see one of these advisors should call NWC ext. 2648.

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## IBM PC Virus Warning

Well, for all you IBM PC users that have felt left out of the recent VIRUS ALERTS, this warning's for you. Copies of "The Fractal Design System," from Academic Press, which were recently shipped may contain a virus. It was reported to be infected with the Friday the 13th virus, but the Jerusalem Virus Version B has been discovered in the SAT.EXE file. Supposedly, if you have a copy of The Fractal Design System and it came with a YELLOW sticker which read "Now both VGA and EGA compatible!" then you are safe. If your software DID NOT come with the yellow sticker, it very well may be infected.

Excuse me while I climb on my "Better safe than sorry" soapbox. The PC Lab has public domain virus detection software available to anyone who wants it. Detecting a virus before it infects your files is simple, safe and just plain smart. As in the example with The Fractal Design System, even brand new, shrink-wrapped software is not necessarily virus free. Take the responsibility to protect your files and data by running virus detection software, such as FluShot, VirusScan, etc., before it's too late. You'll be sorry if you don't and there won't be many people feeling too sorry for you. I'll step down now with a closing comment I heard at the Virus seminar during the recent trade show here at NWC, "Please, practice Safe Hex".

Note: new UPS

On a lighter note, how about that new AccuCard by Emerson? This is an Uninterrupted Power Supply (UPS) that not only fits in the palm of your hand, it plugs right in to one of the expansion slots in your PC. That's right, inside your PC, not a big box to clutter up your work area. (Continued on Page 11)

## Dry months continue through March

March was another warm, dry month, notes the Range Support Branch, Range Meteorology Office. Yearly rainfall is now 3.25 inches below normal.

While several thundershowers were observed during the latter part of the month, none of them provided measurable precipitation at recording sites. Recording sites include Range Systems Laboratory, Tracking Station on G2 Road (two miles West of Aircraft Survivability), Tracking Station in the White Hills, Tower 8 G-1 Road, Baker Tower,

Supersonic Naval Ordnance Research Track (SNORT), Armitage Field, Junction Ranch, Alast Target (intersection of G2 Road, Mountain Springs Road and South Bullpup Road), Coles Flat, Darwin Wash and Randsburg Wash.

The average monthly temperature was 2.1 degrees above normal.

The prevailing wind speed averaged 10 knots or higher on four days, with a maximum daily average of 17 knots on March 11.

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# Secretaries are team players

(Continued from Page 2)

"That was a chaotic week," Luxton said. "All the phones were redirected into my office and they didn't stop ringing. It was pretty hectic covering the needs of 120 people. There were lots of things going on at the same time. When it got too hectic, Peggy Ames (the division's administrative officer) was very good about helping out, even though she had her own work to do."

Whenever the division secretary is out of the office, a branch secretary covers for her. "It really isn't so bad when I'm out," she said. "Because there is usually someone who can cover for me."

It is not the same in the Soldering Technology Branch, where Bobbi Allen is the secretary. According to her boss, Russ Cleveland, the office did not run smoothly during her absence. "It was chaos," Cleveland said. "It is amazing how much smoother the office functions when someone who knows what she is doing is handling things. She keeps us organized."

"It's a nice feeling when you know you have been missed," said Allen. "After any type of absence, my boss is constantly letting me know how happy he is I'm back."

Joann Battaglia, the secretary for the Missile Guidance Branch, noted that her office also gets a little chaotic when she is gone. "Even though I try to have as much done as possible before a planned leave, emergencies crop up or changes need to be made on that week's time cards," she said. "Before taking some time off last week, I had basically finished the time cards, but changes needed to be made before they were turned in. While others are capable of making the changes, it takes them longer and takes them away from their own work. It's the same with travel orders. Most of the personnel can make their own arrangements, but it is time consuming and often they don't have that time."

"The position of a secretary is a vital role," said Robert Leonard, head, Missile Guidance Branch. "It isn't a menial task. They deserve respect and are needed at China Lake to help keep things running smoothly. Their efforts allow us to get our jobs done more efficiently."

The three secretaries appreciate the many activities the Corporate Secretaries Board arranges for Secretaries Week. "The activities benefit the secretaries," said Battaglia. "While it is nice to receive flowers and to go out to lunch, it is also nice to know we are appreciated and important enough that the Center brings in special speakers for us."

"There's a number of informative speakers and functions we can attend," said Luxton. "Fortunately,



**COVERS THE BASES--Suni Luxton covered for four Code 365 secretaries when a virus hit.**

my division is very supportive of Secretaries Week, encouraging all of us to attend as many as we can."

Both Battaglia and Luxton regard their secretarial jobs as careers. "I love being a secretary," said Luxton. "You get to know all the people and are responsible for the office running smoothly."

"I like it (being a secretary), because of the people I work with," said Battaglia. "Here I am part of the team and I'm respected. We fulfill a need that is important -- just as important as any other job. Most secretaries are career oriented. We aren't here just to have something to do between having kids."

While Allen enjoys her job, she is currently striving to enter the soldering field. She has already taken the soldering course and has been certified, but feels she needs a bit more technical background. To help her in this endeavor, she is taking additional soldering classes.

To become more efficient, all three have taken advantage of the many classes offered by the NWC Training Center. In addition, the Technical Data Division has started checking out films from the Training Center to show bi-weekly in one of their conference rooms. "While the films are mainly for secretaries, anyone in the division may attend. It's a do-it-yourself training program for the division," said Luxton.

What happens when a secretary is absent for a day or two? Without a replacement, much of the work doesn't get done, has to be delegated or takes longer to get done and takes other people away from the jobs they are paid to do. "We're the driving force of the office," said Allen. "We keep it all going smoothly."



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# CSB leads off week of lectures with humorous breakfast talk

(Continued from Page 2)

from 8:30 to 10:30 a.m. and again from 2 to 4 p.m. at the Seafarer Club.

On Wednesday, April 25, Charles E. Willhite will give his audience an excellent overview of safety wellness and health, specifically, prevention of back injuries, from 8 to 9 a.m. and again from 1 to 2 p.m. in the Officers' Club's Mojave Room.

Also on Wednesday, Charla Green will present a seminar entitled *Envision a Renewed You* from 9:30 to 10:30 a.m. and again from 2:30 to 3:30 p.m. in the Officers' Club's Mojave Room.

Throughout the day on Wednesday, the NWC video depicting the variety of jobs secretaries perform while working on-Center will be played continuously in the lobby of Michelson Lab.

Thursday's activities include a talk about Total Quality Management by Bullard from 9 to 11 a.m. and a series of videos will be played from 2 to 4 p.m. in the Officers' Club's Mojave Room. Videos include *Hello Tour of NWC* from 2 to 2:37 p.m., *Legacy of the Lake* from 2:45 to 3:05 p.m., *Evening Colors* from 3:15 to 3:34 p.m. and *Desert Stewardship* from 3:45 to 4:05 p.m.

Throughout the week, many of the secretaries will be treated to lunch by their bosses and co-workers, receive cards and/or flowers in gratitude for the vital, yet sometimes thankless work they do.

## Avoid Knox-Bowen intersection

During the week of April 23-27, the intersection of South Knox Road and Bowen Avenue (the intersection immediately south of the traffic circle) will undergo paving repairs.

Work begins on Monday, April 23, with traffic being diverted as necessary. The intersection will be closed on Tuesday and Wednesday with through traffic being detoured around the work site.

Normal traffic flow should be expected on Thursday, April 26.

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# Center pays tuition for some Cerro Coso College courses

Registration for summer courses for continuing students at Cerro Coso Community College will be May 22 and June 11 on a walk-in basis. Registration for continuing and new students will be June 12-14 on a walk-in basis. Schedules, which should be released by Cerro Coso approximately May 1, will be available in the Training Center lobby.

The Center will pay the full tuition for NWC employees if courses are provided under the NWC/Cerro Coso Contract. If the courses are not under contract, but are job-related or will strengthen the employee's contributions to the Center's mission, tuition will still be paid directly to the college by Code 224.

To apply for Center tuition support, submit NAVWPNCEN 12410/73 (Rev. 12-88) (Request for On-Center Training) via department channels to Code 224.

If a course is not directly job-related, along with the NAVWPNCEN 12310/73, submit NAVWPNCEN 12410/66, Academic Enrollment Justification, and NAVWPNCEN 12410/68, Individual Development Plan, describing how the course fits into your overall career plan and how attendance at the course will strengthen contributions to the Center's mission.

If tuition is involved, and the application is not

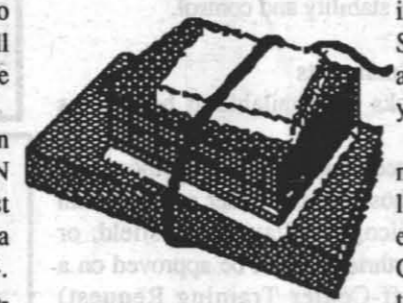
yet a California resident, submit DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department channels to Code 224. A job order number is required on the DD Form 1556.

Code 224 will return the approved NAVWPNCEN 12410/73 or DD Form 1556 to all applicants. Prospective students must then take it with them to Cerro Coso when registering in order for NWC to pay the tuition.

A NAVWPNCEN 12410/73 or a DD Form 1556 is not required for co-op students. Simply tell the registrar that you are a NWC co-op student when you register.

Requests for tuition support must be received by Code 224 at least three days prior to the employee's registration at Cerro Coso. This will allow the request to be processed and returned to applicants in time for registration. The approved NAVWPNCEN 12410/73 or DD Form 1556 must be taken to Cerro Coso when registering in order for NWC to pay the tuition. Employees who pay tuition themselves will not be reimbursed.

For further information, please call Cecil Webb, NWC ext. 2648.



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# Extra hours needed

(Continued from Page 16)

Leta Darcey, Management Assistant, Code 36402 -- is indebted for leave due to complications associated with childbirth.

Carolyn King, Engineering Data Management Specialist, Code 36541 -- is taking care of her husband who is extremely ill; she is indebted for leave.

George Petty, Physicist, Code 3924 -- was admitted to the Duke University Hospital on an emergency basis with the diagnosis of acute myelogenous leukemia.

Satik Martinsen, Management Assistant, Code 36402 -- is diagnosed as having nodular sclerosing Hodgkin's Disease and is currently undergoing treatment.

Nancy Muro, Engineer Technician, Code 3033 -- has multiple fractures, dislocations and major tissue damage to her left foot.

Mary Elaine Hooper, Secretary, Code 3201 -- underwent surgery and is indebted for leave.

**Leave Donation Form**  
Complete and send to Code 221

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Code: \_\_\_\_\_

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# Personnel News & Notes

## Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

**HOW TO APPLY:** Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandly. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

**No. 30-001, Security Specialist, DA-080-1, Code 306 - (Multiple Vacancies)** This is an Upward Mobility Position located in the Advanced Technology Support Program, Weapons Planning Group. These positions provide an opportunity for employees to gain training and education so they may qualify for and perform duties as a DA-2 Security Specialist. The target position is Security Specialist, DA-080-2. Incumbents will be provided on-the-job training and formal courses in security disciplines including information security, physical security, operational security, per-

sonnel security and communications security. The position requires the selectee(s) to work under pressure and to travel on a moderate basis. Employees are placed in the training position through either reassignment or change to lower grade. **Job Relevant Criteria:** Ability to communicate orally; ability to communicate in writing; ability to read, interpret and apply written instructions. **Eligibility Criteria:** (A) NWC employees DA/DS/DT-2 and below, WG-9 and Below, DG-4 and below with career or career conditional appointments. (B) Veterans Readjustment Act

appointees. (C) NWC employees who are currently serving in Permanent Excepted positions under Sch. A appointing authority of the severely handicapped, section 213.3102 (U). Promotion potential to DA-3.

## No. 30-002, Security Specialist, DA-080-1/2/3, Code 306 - (Multiple Vacancies)

These positions are located in the Advanced Technology Support Program, Weapons Planning Group. Incumbents provide detailed and comprehensive security administration support to program managers. Incumbents must be able to obtain and maintain a Top Secret clearance based on a favorably adjudicated Special Background Investigation. The position requires the selectee(s) to work under pressure and to travel on a moderate basis. **Job Relevant Criteria:** Ability to communicate orally; ability to communicate in writing; knowledge of security policy, procedures, and requirements in the areas of physical, personnel, information and operational security; ability to interpret and apply written instructions. Promotion potential to DA-3.

**No. 22-9017, Recreation Aid (Gym Attendant), PS-189-2, \$4.72 - \$5.51 PH, Code 2294, Variable Schedule.** This position is located in the Sports Branch of the Morale, Welfare & Recreation Division. Incumbent greets patrons and checks for proper identification; disseminates information in person and

over the telephone about facilities, programs, etc.; receives and forwards telephone calls; takes reservations for facilities; collects fees for facilities, equipment, etc.; prepares Daily Activity Report (DAR) and deposits money; issues equipment/supplies to patrons; performs periodic inspections of the weight room to

ensure safety; performs minor cleaning tasks and other duties as assigned.

**Job Relevant Criteria:** Incumbent must have the ability to handle money and operate a cash register, follow oral and written instructions and deal effectively with the public.

## Twenty-three China Lakers in Leave Transfer Program

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

**Gene Linard, Mathematician, Code 2843 --** is in need of leave to take care of his wife during her illness and recuperation.

**Louise Tague, Budget Assistant, Code 2836 --** is indebted for leave due to injuries sustained in a car accident.

**Laura Brady, Secretary, Code 3649 --** had open heart surgery and is in need of leave.

**Linda Watkins, Procurement Analyst, Code 2504 --** is indebted for leave due to surgery and ongoing chemotherapy treatments.

**Leslie O'Neil, Computer Systems Analyst, Code 2732 --** will be undergoing major surgery and will be required to be off work for six weeks.

**Karen Linard, Industrial Engineer, Code 3291 --** underwent major intestinal surgery and is in need of leave.

**Deborah Leonard, Secretary, Code 6535 --** had a gallbladder attack and is scheduled for surgery.

**Dorothy Wiederhold, Employee Development**

**Assistant, Code 224 --** suffers from Pericarditis (fluid around the heart) and is indebted for leave.

**Dionne Lancaster, Facility Management Specialist, Code 26521 --** is taking care of her husband and is in need of additional leave hours.

**Betty Cirotski, Procurement Assistant, Code 31B1 --** underwent surgery for a total hip replacement and is indebted for leave.

**Bob Donsbach, Specifications Writer/Editor, Code 3656 --** suffered a heart attack and has exhausted all his leave.

**Debra S. Hurt, Operations Research Analyst, Code 3082 --** is experiencing medical complications due to a difficult pregnancy and will not be able to return to work until July.

**Iva Jeanne Luth, Secretary, Code 62C --** exhausted her leave during the illness and death of a family member.

**Deborah Ball, Computer Scientist, Code 3922 --** was hospitalized and is indebted for leave.

**Polly Bainbridge, Secretary, Code 3922 --** is currently undergoing medical treatment and is indebted for leave. Her doctor estimates that she will not be able to return to work until late April.

**Lou Giegerich, Mathematician, Code 3511 --** is undergoing extensive chemotherapy and is in need of leave.

**Barbara Tungett, Clerk Typist, Code 2412 --** fractured her hip and indebted for leave hours.

(Continued on Page 17)

## Ribbon cutting for plants

(Continued from Page 1)

He also noted that during the past 12 months while all the changes have been going on in Eastern Europe and USSR, mainland China turned against the movement to democracy and violently repressed it, so all changes in the world have not been toward making it a safer place.

Carl Austin had the right idea all those years ago and the stick-to-it spirit to see it through. Now this plant is just one part of the Navy effort to stretch the dollar," concluded RADM. Bottorff.

Also speaking was Carl Austin, head of NWC's Geothermal Program Office, who noted it was "27 years ago next month" that he first published a paper predicting the possible development of geothermal power from the Coso area.

Austin, like other speakers, stressed the immense levels of cooperation and the dedication to an idea it has taken to see the Coso Known Geothermal Resource Area developed. "This is not simply a Navy, BLM project; California Energy Company

made it a project and it took the imagination of Charles Condy, (CEC chairman of the board) to make it a total success. This is still the Navy's grand experiment in multiple use of a weapons range," he added.

This is the third increment of geothermal power to go on line in the Coso area. Navy Plant One, Unit One started delivering power to the Southern California Edison grid in July, 1987, with two other units in the plant starting up during 1988. Last year, the BLM plants and Navy Two were completed, setting the stage for Wednesday's ceremony.

Also speaking and praising the dedication, cooperative spirit and vision of all parties involved in developing the Coso resource were Capt. Ken Kelley, NWC Public Works Officer; Ed Hasty, California State Director of BLM; Lee Delaney, Ridgecrest Area manager, BLM and Donald O'Shei, senior vice president, engineering and operations for California Energy Company, Inc.

The Navy will receive a direct reduction in NWC's utility

bill of more than \$3.2 million for this current year. As an additional benefit, the Navy will receive an estimated \$3.5 million in revenue from power produced by the plants this calendar year.

While the three plants now on line are generating 240 megawatts of power, making Coso the second largest geothermal development in the country, the total production potential is estimated at 1,000 megawatts for many years beyond the current 30-year contracts. The Navy will retain control of at least 51 percent of the geothermal field.

Production of one megawatt during the year equals burning 10,000 barrels of oil and is enough power to provide the electricity needs of 1,000 people for the year.

**SPEAKER--RADM. David Bottorff** was the featured speaker for Wednesday's dedication of three geothermal power plants to the Coso area.



**GEOTHERMAL--Cal Energy Co. guide gives a short tour of Navy Plant Two.** Photos by PHAN Brady



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### Monday marks opening of library observance

April 22 marks the start of National Library Week. This year's theme is *Color your world with reading*. The Naval Weapons Center Library has just the book to help you shake the blues and brighten up your life.

The library's collection includes over 42,000

books, 148 periodical subscriptions, and 14 newspapers. All the reader has to do to share in this wealth is to register for a library card and then select his or her reading pleasure.

Navy libraries are major elements in the educational, informational and professional programs of the Navy. The library functions as an integral part of the military community, serving as a resource center in providing library materials and related services to stimulate professional growth and personal development, to supplement formal training programs and assist off-duty education and to contribute to the constructive use of leisure time.

Take over a million people, scatter them to 1,500 locations in the U.S. and abroad and set up a library to reach each and every one... this is the mission of the Naval General Library Program.

Seamen's libraries are not new in the American Navy, in fact, they date from the earliest years of the service. The first seaman's library was placed aboard an American vessel in 1821. These books were turned over to the Brooklyn Navy Yard in 1824 to become the nucleus of the first shore based seaman's library.

In addition to reading materials, the Center Library's collection includes over 1,400 recordings as well as videos, and chess sets. Also available to the public is a typewriter, microfiche reader/printer and a Xerox copy machine.

The Center Library is open to all military and civilian personnel and their dependents from 11 a.m. to 8 p.m. Monday through Thursday; 10 a.m. to 6 p.m. Sunday; and closed Friday and Saturday.

Remember--Those who don't read have no advantage over those who can't!

by Elizabeth Shanteler, head, Center Library

### Configuration managers invited

Attention configuration management personnel! On Monday, May 7, Engineering Information Management Systems (EIMS) will present the CMstat--Configuration Management and Document Control System--at the Seafarer Club. CMstat provides an integrated set of MIL-STD compliant tools for configuration and change management. Ewtes Division configuration management personnel made the presentation possible.

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### Court opens way for drug test

On March 15, 1990 the U.S. District Court, Northern California cleared the way for the Navy to begin its drug testing program. The court's decision freed the Navy from a preliminary injunction and allows it to go ahead to perform random testing of persons holding top secret clearances and people in certain job categories. Amongst the positions being tested are firefighters, police officers, air traffic controllers and aircraft pilots. Applicant testing of persons selected to these "Testing Designated Positions" (TDPs) was permitted by the court. The court also left intact the Navy's program of testing any individual over whom there is reasonable suspicion of illicit drug use either on or off duty.

Eliminated from the Navy program is testing of individuals following accidents or unsafe practices. The court felt that there was insufficient control over this aspect of the program, stating that Headquarters, Navy or an echelon one activity could prescribe legally sound criteria under which such test-

ing could occur.

A large number of positions were removed from the list of TDPs by the court. The impact upon the Navy of the court decision is to decrease the number of TDPs from an estimated 81,000 to about 26,000 individuals. The impact upon the Naval Weapons Center's TDP pool is not as great because most positions in the Center's TDP pool are there because the individual holds Top Secret Clearance. Initially, about 900 positions were in the random drug test pool and now about 600 to 700 remain.

The Department of Navy issued direction on March 22, 1990 to all Navy activities to proceed with action to implement testing.

According to Dan Burnett, the Center's Drug Program coordinator, the court's decision allows the Center to complete required action to obtain certification from SPAWARS to begin random testing of designated positions locally within three to four months.

### TD Seminar features NASA research

NWC's upcoming Technical Director's Seminar on May 2 features a presentation by Dr. Ellen Ochoa, chief of the Intelligent Systems Technology Branch at NASA Ames Research Center, will be in Michelson Lab Conference Room 1000-D at 2 p.m.

*Embedded Processor Research at NASA Ames Research Center* focuses on research and development of high performance intelligent computational systems for aerospace missions. Dr. Ochoa and her staff of 40 specifically address the unique characteristics of space-based systems, including autonomous

operation, continuous operation, evolutionary capability, real-time performance, and adaptivity.

One of the areas they are investigating is non-traditional types of processing that can be embedded as part of larger computational systems to perform specialized tasks that have critical time or function constraints. Examples of applications include autonomous landing on planets or the moon, and control of flexible structures in space.

The branch's Photonic Processing group is developing analog optical information processing techniques for both image

understanding and structural control applications. Much of the work involves new correlation filters for distortion-invariant pattern recognition.

Their Neural Networks group works with parallel computational systems whose architecture and functionality are inspired by the brain. Primary activity in this area is the development of higher-order neural networks for simultaneous position, scale, and translation-invariant pattern classification. They are also collaborating with Stanford in applying recurrent networks for control of automated docking in space.

### Real-Time Software Productivity Seminar

May 9, 1990 8:00am - 12:30pm  
Carriage Inn - 901 N. China Lake Blvd. - Ridgecrest

- Real-Time CASE
- A Look Inside the VRTX Real-Time Kernel
- Software Life Cycle Support: Tips & Techniques
- Demo: Software Engineering Tools

Dr. David Kalinsky of READY SYSTEMS conducts this seminar describing new techniques for software design in the Real-Time Embedded Environment. We will discuss real-time design methodologies such as Ward-Mellor and Gomaa. We will also examine intertask communication and synchronization. We will conclude with a demonstration of Software Engineering Tools for VAX, Sun and PC.

Please call Barbara Sandoval at (714) 251-8764 for a reservation. For more information call Kevin Uyeda or Mark Bell at (818) 713-1390.



### NWC Rifle Team members dominate shooting match

Five members of the NWC Rifle Team were among the 125 service rifle shooters who filled the Coalinga Rifle and Pistol Club range for the annual California State Service Rifle Championship. BU1 Dave Bowsby, shooting in only his second NRA competition, completely dominated the Sharpshooter Class with an outstanding performance. Petty Officer Bowsby finished in first place in the 200-yard standing slow fire, 300-yard rapid fire, both slow fire and rapid fire aggregate matches. Along the way, he finished second in the sitting rapid fire at 200-yard and third in the 600-yard slow fire. This performance captured the first place Sharpshooter title by a wide margin.

Moving up to the Expert Class, two NWC rifle-

men also netted positions in the class medals. At 200-yard slow fire, GMC Ricky Hines captured third place with CWO2 Nelson Foucher in fourth. Both shooters tied for third Place at 200-yard rapid fire. While Gunner Foucher won second place at 300 rapid fire and third place rapid fire aggregate and first place at 600 slow fire; Chief Hines took first place in the Slow Fire Aggregate and second at the 600-yard line. In the final tally, Chief Hines took third place Expert Overall with CWO2 Foucher right behind in fourth place. AME1 Tim Rieb and LN2 Frederick Peeler also shot for NWC.

This performance bids well for the NWC team in the upcoming Pacific Fleet Matches which will begin the week of May 5 in San Diego.

### Weekend record is 1-1-1

*Under-19 team finishes San Diego tournament*

Over the Easter weekend, the Scorpion Under-19 Soccer Team compiled a one win, one loss and one tie record during further competition in the San Diego Spring Classic Soccer Tournament. During the weekend games, the local team had to face three Arizona teams.

Friday's competition against the Assault from Tempe, Ariz., resulted in a 1-1 tie. The local team's goal came during the second half as Brendan Ledden beat the Assault goalie in a one-on-one situation.

The Paradise Valley Shamrocks of Phoenix, Ariz., came out on top with a 4-1 win in the Scorpion's second game of the day. Three of the five goals scored, including one by Scorpion Ted Mechtenberg, came on penalty kicks.

Saturday pitted the St. Francis Green of Tucson, Ariz., against the Ridgecrest team. David Caraker tied the game with a shot from the 18 yard line. Midway through the second half, Danny Hobson scored to the goalies' left side to give the Scorpions a 2-1 edge for their only victory in the tournament.

The next competitive action is planned for July 4 in Anaheim.



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# OTHTC schedules its annual 10-mile Inyokern Road Race

On Sunday, May 6, the Over the Hill Track Club's 16th annual 10 Mile Run will take place. The starting line will be at the intersection of US 395 and old 395, south of Ridgecrest. Walkers may start at 7 a.m. and keep their own time, while runners take off at 8 a.m. This is a fast, point-to-point course that is slightly down hill.

Cost is \$10 per member, \$12 for non-members and \$15 for all late entries. Deadline for early entries is April 21. In addition, anyone registering after April 21 will have a three-week delay for the colorful, original T-shirt designed by Marla, which all contestants will receive.

There will be awards for open and age groups for men and women. Age group awards will be based on the pre-registration county.

Fruit, lemonade and beer will be available for all contestants. A picnic in the Inyokern park is planned after the run, so be sure to bring a picnic lunch.

For more information, call Scotty Broyles at 446-2941 after 4 p.m.

Entry forms are also available at the Pro Shop at the NWC Golf Course and the NWC Gym. Entry forms should be made out to OTHTC 10 Mile Run; C/O W. H. Broyles; 1243 Wayne Street; Ridgecrest, CA 93555. Checks should be made payable to OTHTC.

Inyokern Road Race				
Name	Sex	Phone Number		
Address				
T-Shirt Size: Please circle one: Small Medium Large Extra-Large				
Division: Please circle one: 14 & Under 19-29 35-39 50-59				
	15-18	30-34	40-49	60 and over
Waiver: In consideration of my entry, I, intending to be legally bound, do hereby, for myself, my heirs, executors and administrators, waive release, and forever discharge any and all rights and claims which I may hereafter accrue against the Over-The-Hill Track Club, and all other sponsors and their respective officers, agents, representatives, successors, and/or assigns, for any and all injuries suffered by me while traveling to or from or participating in this event. I certify that I am physically fit to complete this strenuous event.				
Entrant's Signature			Date	
Guardian must sign if entrant is under 18 years of age				

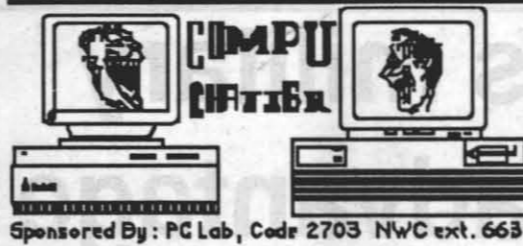


## Spring Follies opens tennis club's season

Tomorrow the China Lake Tennis Club will hold their first event of the year. *Spring Follies* is designed to be a fun social type of event—an opportunity for new and old members to get acquainted.

The *Follies* will be held at the NWC tennis courts on King Ave. from 10 a.m. to 3 p.m. An entry fee of \$3 is payable at the courts.

At 6 p.m. the group will meet for a social at Schooner's Restaurant where all participants and their guests will receive a \$3 discount on dinner. Come on out and enjoy a fun day.



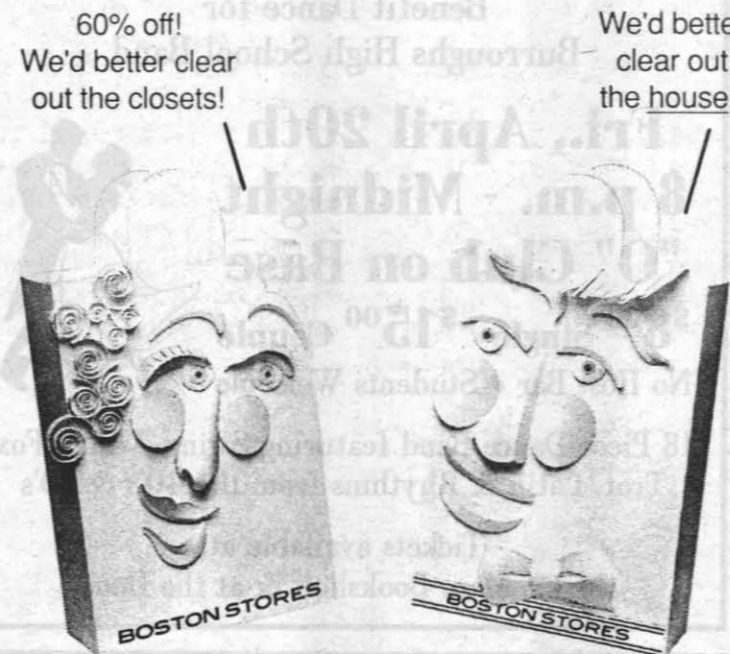
(Continued from Page 7)  
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data you are working on. Nice, huh? It gets better. When power is restored to your PC, AccuCard jumps back to life and restores your data and application to its exact position when the power failed. Now this is slick. You should still save work frequently though. by Bob Beane

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## Under-16 Scorpions do well in San Diego

Tenacity, determination and excellent control of the ball earned the Ridgecrest Scorpions Under-16 Boys Soccer Team second place in this year's San Diego Spring Classic Soccer Tournament. The local team ended with a 2-1-1 record. The Scorpions won their opening match against United, an Arizona team, by dominating the play. Charles Eberhart, Jim Bailey, Phil Jonson and Chad Shedlock each scored once, while Scott Wilson scored three times in the 7-1 victory.

The local team continued their precise, controlled passing in Friday's second game, which was against Puma Power, also from Arizona. Wilson and Eberhart each scored twice and Chris Marshall added a penalty kick goal, ending in a winning score of 5-1.

Saturday brought tougher times to the Scorpions as injuries and general tiredness caught up with them. The Scorpions barely held off Apex United, another Arizona team, for a 0-0 tie.

During the championship game, the Scorpions tried their hardest to come back to life, but couldn't recover from the injuries, tiredness and shortage of fresh substitutes. A stronger team overall, the Stockton Shockers lived up to their name, scoring first in the first 50 seconds of the game. At the 14 minute mark, the Scorpions came back and tied the score when Johnson put Eberhart's shot off a breakaway into the net for the local team's lone score. The final score was 8-1, resulting in the Scorpions' only loss.

Playing solid games throughout the tournament were midfielders Steve Sticht, David Moreno and Sean Kajiwara; defenders were David Shiflett, Dean Barnett, Chris Marshall and Nathan Walters; while the goal keeper was Fletcher Nelson.

The Scorpions U-16 team will play their final tournament of the Spring in San Juan Capistrano over the Memorial Day weekend.



## Weak bats put NWC's military softball squad at disadvantage

Weak hitting by the NWC Varsity Softball Team accounted for their two losses last Saturday against Edwards Air Force Base during the Desert to the Sea Interservice League competition. The final tallies were 18 to 2 and 16 to 2.

According to Coach Leon Hillewaert, the local team was formed just a couple of days before the match against Edwards AFB, one of the highest ranking teams in the league.

China Lake scored the first run of the game in the second inning when Rob Rankins was hit home by Dennis Love's single and sacrifices by Hillewaert and Mike Bumberger.

Third inning action saw another run by the NWC team. Carter Henson started off the inning with a double and scored on a sacrifice by Bo Layton.

From the fourth inning on, Edwards AFB

dominated play with seven runs in the fourth inning and five each in the fifth and seventh innings.

In the second game, Edwards once again dominated the game with their hitting. China Lake scored only one run in the first inning to Edwards' four runs. (The China Lake run was scored by Dwight Ball hitting a double and reaching home on Rankins' single.)



The NWC team narrowed the 4-1 lead in the second inning. Chris Stahl started the inning off with a single. He moved to third when Eric Blyly was thrown out on a fielder's choice by Hillewaert. Bumberger's single scored China Lake's final run of the day.

The local team could only account for a total of 15 hits in the two games. The games were highlighted by Rankins' 4 for 6 record and Chris Stahl's 2 for 2 performance.

Despite the defeats, the NWC team remains optimistic as there is a lot of season left. They will get in some extra practice as they participate in the Hitter's Men's "C/D" Slowpitch Softball Tournament scheduled for this weekend on the China Lake softball fields. On the following weekend, they will once again face Edwards in a double header at Edwards AFB.

## Lake Ming closed for boat races

On April 21-22 the Bakersfield Outboard Racing Association will be conducting outboard circle races at Lake Ming. The lake will be closed to public use (including fishing) on these days and will reopen on Monday, April 23. For further information on this event please call the Kern County Boat Club at (805) 872-3241.

## Bike club sponsors Poker Run

On Tuesday, April 24, the High Sierra Cyclists Bike Club will be sponsoring a Poker Run. The fun starts at 5:30 p.m. at the Kern Regional Park.

The object is to ride around town to designated locations, pick up a card at each stop and then see who has the best poker hand. The winning hands will be awarded cash prizes.

The cost of the event is \$2 for club members and \$3 for non-members.

Everyone is invited, so please come and enjoy a fun evening with the local bike club.

For more information, call Bob Long at 375-5931 or Mike Klassen at 375-3925.

## Next hunter safety class starts June 2

Sierra Desert Gun Club will sponsor the next Hunter Safety School on the weekend of June 2 and 3. The class will meet from 8 a.m. to 4 p.m. each day for a total of 16 hours of classwork. There will be no shooting or instruction in shooting during the class.

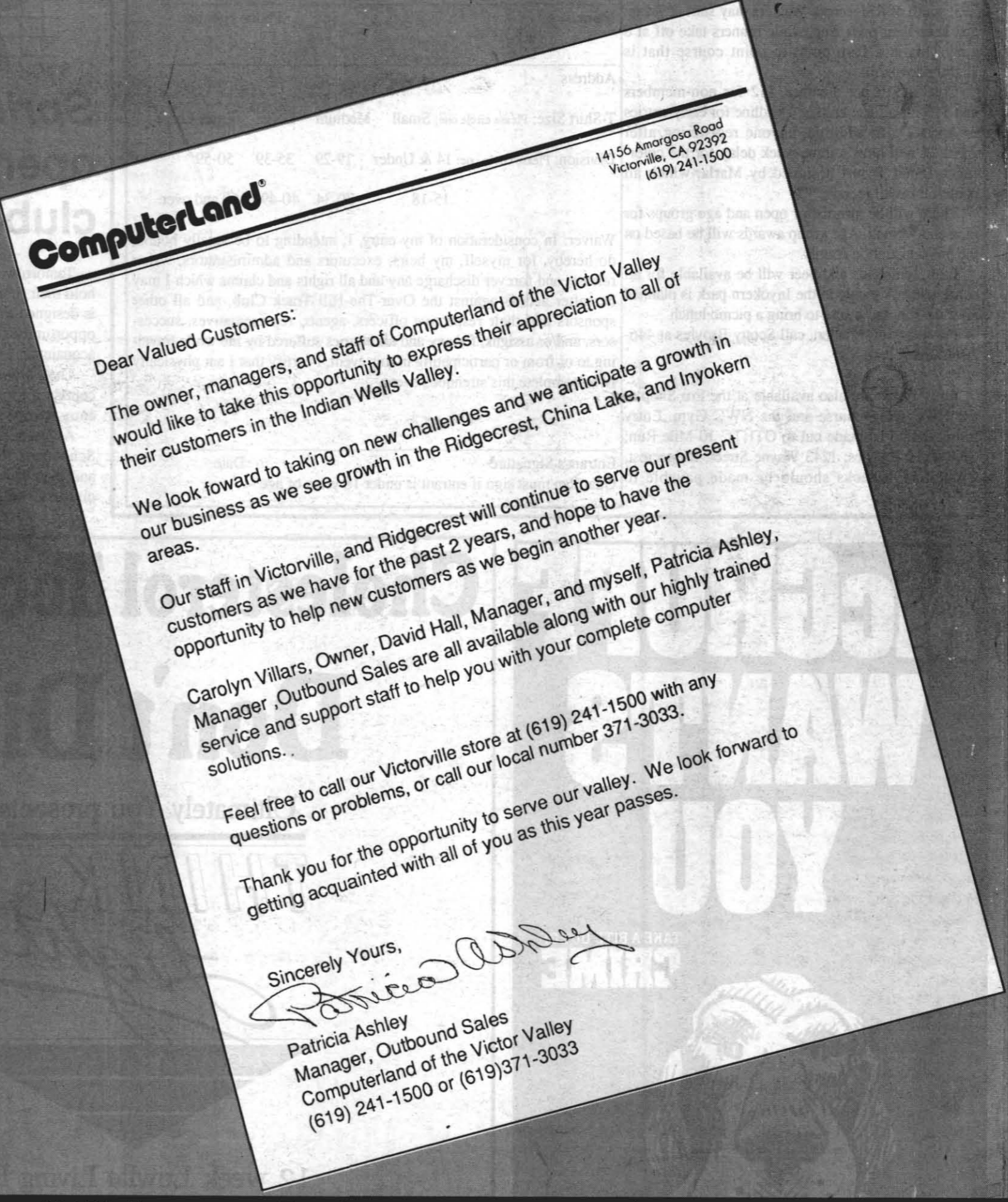
The school will be open to all residents, over 12 years of age, of the Indian Wells Valley and surrounding areas.

Due to size limitations of the club house facilities, the class will be limited to 50 students.

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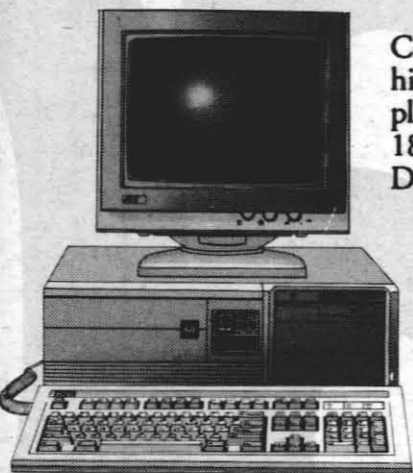
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